

said data flow monitor intercepting what the user fills in and sending it to the form fill system which writes it to the history database.

70. A system in accordance with claim 69 to which is added a dictionary database containing field names associated with certain form components that are used to populate the forms;

and wherein the request completion system also attempts to complete such through the use of field names found in the dictionary database that match field names in the form.

71. A system in accordance with claim 70 wherein the form fill system extracts rules from previously completed forms in the history database, thereby developing from the history database rules for filling in forms.

72. A system in accordance with claim 71 wherein the form fill system also attempts to fill in forms using personal information through the use of information in the dictionary database and fuzzy logic techniques.

73. A system in accordance with claim 72 to which is added a dictionary database containing field names associated with certain form components that are used to populate the forms;

and wherein the form fill system also attempts to complete such forms through the use of field names found in the dictionary database applied using fuzzy logic techniques.

74. A system in accordance with claim 73 wherein the form fill system extracts rules from previously completed forms in the history database, thereby developing from the history database rules for filling in forms.

75. A method for automatically filling in forms received from a network and directed to a user with personal information, comprising the steps of:

establishing a history database where at least some previously completed forms may be kept;

monitoring the flow of data between the network and the user and intercepting such forms requesting information;

attempting to complete such forms with personal information through the use of history database records of one or more completed copies of the same form, and through asking the user to complete at least some portions of forms not automatically completed;

and intercepting what the user fills in and writing it to the history data base for future use.

76. A method in accordance with claim 75 additionally comprising the steps of

establishing a dictionary incorporating a series of names associated with certain form components that may be used to populate forms; and

attempting to complete such forms with personal information through the use the dictionary information applicable to a particular form.

77. A method in accordance with claim 76, additionally comprising the step of intercepting what the user fills in to a form and adding it to the history database for future use.

78. A method in accordance with claim 77, additionally comprising the step of attempting to fill in forms with personal information through the use fuzzy logic techniques applied to information obtained from the dictionary.

79. A method in accordance with claim 75, additionally comprising the steps of establishing a dictionary incorporating a series of names associated with certain form components that may be used to populate forms; and

attempting to complete forms with personal information through the use of information obtained from the dictionary applied using fuzzy logic techniques.

80. A method in accordance with claim 79, additionally comprising the step of intercepting what the user fills in and adding it to the history database for future use.

TOP SECRET